## Declaration For U.S. Patent Application

As a below named inventor, I hereby dec1 that:

My residence, post office address and citizenship are as stated below next to my name.

Class protection   Method   Std   Application   For   Application   Semiconductor   Device   having   a. Semiconductor   Semiconductor   Device   having   a. Semiconductor	I believe I am thare-listed below (InsertTitle)	he orig v) of th etho	inal, first ar e subject m od and	nd sole inventor (if on atter which is claimed Apparatus fo	y one name is liste and for which a pa c Depositin	d below) or an originatent is sought on garage.	ginal, first and joint invite invention entitled	entor (if plural name		
of blacks 1, 2, or 3 2. See note A on back of blid page   3. was filed on U.S. Application Serial No	the specification	n of w	hich De	vice having	a Semicondu	ctor-Insul	ator Junction	<del>}</del>		
See note A on back of this page)   was filed on   U.S. Application Serial No.   and was amended on   U.S. Application Serial No.	(Check one	1.	🛭 is attac	ched hereto.						
on back of this page)  3.		2.	2.							
3. was filed on U.S. Application Serial No. and Was amended on U.S. Application Serial No. and was amended on U.S. Application Serial No. (if applicable)  Thereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by an amendment referred to above.  Lacknowledge the duty to disclose information which is material to the examination of this application as defined in Title 37, Code of Federa Regulations, § 1.56.  Thereby claim fixeries priority benefits under Title 35. United States Code, § 119 of any foreign application(s) for patent or inventor certificate having a filing date before that of the application for which priority is claimed.  Priority Claime  Application for which priority is claimed.  List priority Claime States (County)  (County)  (County)  (County)  (Day/Month/Year Titled)  Priority Claime  Applications.  Number:  (County)  (County)  (Day/Month/Year Titled)  Ves No Mark of this page!  (County)  (Day/Month/Year Titled)  Ves No Mark of this page!  (See note C on back of this page!  (County)  (Day/Month/Year Titled)  (See note C on back of this page!  (See note C o	See note A		Interna	ational PCT Applicati	on Serial No			<del></del>		
U.S. Application Serial No. and was amended on (if applicable)  I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by an anisomethic process of the above identified specification including the claim(s), as amended by anisomethic process of the above identified specification including the claim(s), as amended by anisomethic process of the above identified specification for the application as defined in Title 37, Code of Federa Regulations, 3, 1.56.  I hereby claim foreign priority benefits under Title 35. United States Code, \$ 119 of any foreign application(s) for patent or inventor critificate before and have also identified below any foreign application for patent or inventor scriptificate the aving a filling date before that of the application for which priority is claimed:    Priority Claime		(if applicable)								
and was amended on (if applicable)  (if applicable)  (if applicable)  (if applicable)  (if applicable)  (if applicable)  (if application, including the claim(s), as amended be any amendment referred to above.  (including the duty to disclose information which is material to the examination of this application as defined in Title 37, Code of Feders Regulations, a 1.56.  (including the duty to disclose information which is material to the examination of this application as defined in Title 37, Code of Feders Regulations, a 1.56.  (including the duty to disclose information which is material to the examination of this application as defined in Title 35, United States Code, § 119 of any foreign application (s) for patent or inventor certificate having a filing date before that of the application for which priority is claimed:  (including the property of		3.	☐ was fil	led on				_as		
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Regulations, § 1.56.  I hereby claim foreign priority benefits under Title 35. United States Code, § 119 of any foreign application (s) for patent or inventor certificate having a filing date before that of the application for which priority is claimed:    A = 25 = 6.5	I hereby state th any amendmen	at I ha t referi	ve reviewed red to above	l and understand the co	ontents of the above	-identified specific	cation, including the cla	aim(s), as amended b		
that of the application for which priority is claimed:    Country	Regulations, §	1.56.								
Class prior   Country   Country   Country   Class Month/Year rites   Number   Country   Country   Class Month/Year rites   Number   Yes   Number   Country   Class Month/Year rites   Number   Class Month/Year rites   Number   Class Month/Year rites   Number   Class Month/Year rites   Number   Number   Class Month/Year rites   Number   Number   Class Month/Year rites   Number	I hereby claim certificate listed that of the appli	foreigr i belov ication	n priority be and have a for which p	enefits under Title 35, ilso identified below a priority is claimed:	United States Cod by foreign application	e, § 119 of any f on for patent or in	oreign application(s) for ventor's certificate havi	or patent or inventor ng a filing date befor		
foreign applications.								-		
foreign applications.	(List prior		8 - 25 7 (Number)	675	<u>Japan</u>	6/	9 / 1996 v/Month/Year Filed)			
See note 8 on back of this page)  (Number)  (PagyMonth/Year Filed)  (Number)  (PagyMonth/Year Filed)  (Number)  (Number)  (PagyMonth/Year Filed)  (Number)  (PagyMonth/Year Filed)  (Number)  (Number)  (PagyMonth/Year Filed)  (PagyMonth/Pear File	foreign									
(See note C on back of this page)  (See note C on back of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35. United States Code, § 112.) acknowledge the duty to disclose material information as defined in Title 37. Cod of Federal Regulations, § 1.56 which occurred between the filling date of the prior application and the national or PCT international filling date of the prior application and the national or PCT international filling the office of the prior application and the national or PCT international filling the prior U.S.  (Application Serial Number)  (Application Serial Number)  (Filling Date)  (Status) (patented, pending, abandoned)  (Application Serial Number)  (Filling Date)  (Status) (patented, pending, abandoned)  (Application Serial Number)  (Filling Date)  (Status) (patented, pending, abandoned)  (Application Serial Number)  (Filling Date)  (Status) (patented, pending, abandoned)  (Application Serial Number)  (Filling Date)  (Status) (patented, pending, abandoned)  (Status) (patented, pending, abandoned)  (Application Serial Number)  (Filling Date)  (Status) (patented, pending, abandoned)  (Filling Date)  (Status) (patented, p			(Number)			y) (D:	ay/Month/Year Filed)			
(See note C on back of this page)  Use attached list for additional prior foreign applications  I hereby claim the benefit under Title 35, United States Code. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application is defined in Title 37, Cod of Federal Regulations, § 1.56 which occurred between the filling date of the prior application and the national or PCT international filling date of the applications:  (List Prior U.S., Application Serial Number)  (Application Serial Number)  (Filling Date)  (Status) (patented, pending, abandoned)  And I hereby appoint as principal Attorneys James E, Armstrong, III, Reg. No. 18,366; William F, Westerman, Reg. No. 29,988; Ken-Ict Hatton, Reg. No. 32,361; John R, Pegan, Reg. No. 18,069; William G, Kratz, Jr., Reg. No. 22,631; Le-Nhung McLeland, Reg. No. 31,409; James P. Weich, Reg. No. 17,379; Ronald F, Naughton, Reg. No. 34,161; Haber Tockman, Reg. No. 19,722; J. Herbert O'Toole, Reg. No. 31,409; James P. Weich, Reg. No. 10,329; No. 31,409; James P. Weich, Reg. No. 19,739; Nonald F, Naughton, Reg. No. 30,928; Mary E, Gormley, Reg. No. 31,409; James C, Lydo  31,404; Mel R, Quintos, Reg. No. 32,903; Donald W, Hanson, Reg. No. 32,785; Expheric A, Adnan, Reg. No. 33,3409; James P. Weich, Reg. No. 35,293; William L, Brooks, Reg. No. 34,129; Joseph J, Zito, Reg. No. 32,078; Stepher B, Parker, Reg. No. P-36,63  Please direct all communications to the following address:  ARMSTRONG WESTERMAN, HATTORI,  McLELAND & NALGHTON  1725 K Street, N.W., Suite 1000  Washington, D.C. 20008  (202) 659-2930 Fax: (202) 887-0357  I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and penishable by fine or imprisonment, or both, under Title 18, the United States Code. § 10			(Number)		(Count	(D:	ay/Month/Year Filed)	<del></del>		
(Sea note C on back of this page)    Discentified States applications   Discentified States Code.   \$12.0 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35. United States Code.   \$112.1 acknowledge the duty to disclose material information as defined in Title 37. Code of Federal Regulations;   \$1.56 which occurred between the filling date of the prior application and the national or PCT international filling date of this application;   (List Prior U.S. Application)   (Application Serial Number)   (Filling Date)   (Status) (patented, pending, abandoned)	ans pager	_	(Number)		(Countr	v) (D	ay/Month/Year Filed)	I Yes I N		
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(Application Serial Number) (Filing Date) (Status) (patented, pending, abandoned)  (Application Serial Number) (Filing Date) (Status) (patented, pending, abandoned)  And I hereby appoint as principal Attorneys James E. Armstrong, III, Reg. No. 18,366; William F. Westerman, Reg. No. 29,988; Ken-Ich Hattori, Reg. No. 32,861; John R. Pegan, Reg. No. 18,069; William G. Kratz, Jr., Reg. No. 22,631; Le-Nhung McLeland, Reg. No. 31,541  James P. Welch, Reg. No. 17,379; Ronald F. Naughton, Reg. No. 24,616; Albert Tockman, Reg. No. 19,722; J. Herbert O'Toole, Reg. No. 31,404; Mel R. Quintos, Reg. No. 31,898; Michael J. Foycik, Jr., Reg. No. 30,928; Marv E. Gormley, Reg. No. 34,409; James C. Lydot Reg. No. 30,082; Vivian P. Karlalenos, Reg. No. 32,203; Donald W. Hanson, Reg. No. 27,133; Stephen G. Adrian, Reg. No. 32,878; Gregor R. Mur., Reg. No. 35,293; William L. Brooks, Reg. No. 34,129; Joseph J. Zito, Reg. No. 32,076; Stephen B. Parker, Reg. No. P-36,63  Please direct all communications to the following address:  ARMSTRONG, WESTERMAN, HATTORI,  McLELAND & NAUGHTON,  1725 K. Street, N.W., Suite 1000  Washington, D.C. 20006  (202) 659-2930 Fax; (202) 887-0357  I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, the United States Code, § 1001 and that such willful false statements made penalty and the statements made herein or any patent issued thereon.  See note D  on back of this page:  Full name of sole or first inventor Hidaki Matsumura  Inventor's signature   Residence 3-93, Minamishijima, Kanazawa-shi, Ishikawa, Japan  Date  Citizenship Japanese.	subject matter of first paragraph of Federal Regu	of each of Title alation	of the claim 35, United s. § 1.56 wh	is of this application is States Code, § 112, I	s not disclosed in the	e prior United Sta utv to disclose mat	tes application in the merial information as de	anner provided by th fined in Title 37, Cod		
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Hattori, Reg. No. 32,86f; John R. Pegan, Reg. No. 18,069; William G. Kratz, Jr., Reg. No. 22,631; Le-Nhung McLēland, Reg. No. 31,545 James P. Welch, Reg. No. 17,379; Ronald F. Naughton, Reg. No. 24,616; Albert Tockman, Reg. No. 19,722; J. Herbert O'Toole, Reg. No. 31,404; Mel R. Quintos, Reg. No. 31,898; Michael J. Foycik, Jr., Reg. No. 30,928; Mary E. Gormley, Reg. No. 34,409; James C. Lydon Reg. No. 30,082; Vivian P. Kafalenos, Reg. No. 32,903; Donald W. Hanson, Reg. No. 27,133; Stephen G. Adrian, Reg. No. 32,878; Gregor R. Muir, Reg. No. 35,293; William L. Brooks, Reg. No. 34,129; Joseph J. Zito, Reg. No. 32,076; Stephen B. Parker, Reg. No. P-36,63  Please direct all communications to the following address:  ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006 (202) 659-2930 Fax: (202) 887-035  I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, the United States Code, § 1001 and that such willful false statements maje perpardize the validity of the application or any patent issued thereon.  See note D on back of this page:  Full name of sole or first inventor Hidaki Matsumura  Inventor's signature Hidaki Matsumura  Residence 3-93, Minamishijima, Kanazawa-shi, Ishikawa, Japan  The Citizenship Japanese				(Application Serial N	umber)	(Filing Date)	(Status) (patented,	pending, abandoned)		
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Full name of second joint inventor, ny Akira Izumi			
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Inventor's signature Kazuo Sakurui		Date	
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